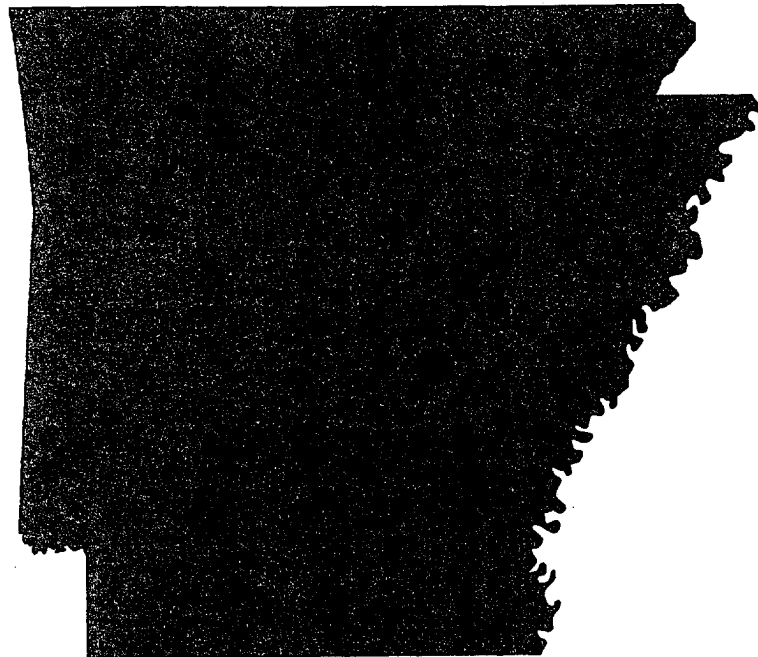


10017



# **COLLECTIONS SUMMARY FOR PINE BLUFF ARSENAL, ARKANSAS**

**U.S. Army NAGPRA Compliance Project,  
Technical Report No. 6**



19990603 037

**Prepared for the  
U.S. Army Environmental Center,  
Environmental Compliance Division**

**by the  
U.S. Army Corps of Engineers,  
St. Louis District,  
*Mandatory Center of Expertise for the Curation and Management  
of Archaeological Collections***

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P. 9

# REPORT DOCUMENTATION PAGE

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**AN ARCHAEOLOGICAL COLLECTIONS SUMMARY  
FOR  
PINE BLUFF ARSENAL, ARKANSAS**

**Information Provided for Compliance with the  
Native American Graves Protection and Repatriation Act  
Section 6 Summary**

**Prepared for the  
U.S. Army Environmental Center,  
Environmental Compliance Division  
Aberdeen Proving Ground, Maryland**

**By  
U.S. Army Corps of Engineers,  
St. Louis District,  
Mandatory Center of Expertise for the  
Curation and Management of Archaeological Collections,  
U.S. Army NAGPRA Compliance Project,  
Technical Report No. 6**

**July 1995**

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## OBJECTIVES AND METHODS

The U.S. Army Environmental Center (AEC) tasked the Mandatory Center of Expertise for the Curation and Management of Archaeological Collections (MCX) with the job of assisting Army installation personnel in complying with the requirements of the Native American Graves Protection and Repatriation Act (P.L. 101-601, NAGPRA). The MCX was asked to locate and assess archaeological collections derived from Army-owned lands, to identify the federally recognized Native American tribes most likely culturally affiliated with the collections, to draft Section 6 Summary Letters for each installation, and to conduct physical inventories of any collections that contain human skeletal remains. This report conveys the results of the collections research completed to assist Pine Bluff Arsenal in complying with the Section 6 Summary requirements of NAGPRA.

The MCX used a two-stage process to identify, locate, and assess the contents of archaeological collections from the installation. First, archival research was performed to review all archaeological site records and reports for the installation. Second, telephone interviews were conducted with personnel at installations, universities, museums, and archaeological contractors that were identified during the archival research as possible repositories of Army collections.

Archival research for Pine Bluff Arsenal began with a search of the National Archeological Data Base (NADB) for references pertaining to the installation. This was followed by a thorough examination of all archaeological site forms and a literature review of all pertinent archaeological reports and manuscripts on file at the Arkansas Archeological Survey, Fayetteville, Arkansas. The records search was performed at the Survey in March 1995 and sought to identify any work on the installation that may have produced archaeological collections.

Subsequent telephone interviews to potential collections repositories ascertained whether the materials were present and the range of objects in each collection. Once the collections were located and assessed, MCX personnel identified federally recognized Native American tribes that are likely to be culturally affiliated with the materials in the collections. Draft Section 6 Summary letters are enclosed for each of these tribes (Appendix I), as well as a listing of the current tribal chairpersons (Appendix II).

---

## RESEARCH RESULTS

### ARCHAEOLOGICAL INVESTIGATIONS AT PINE BLUFF ARSENAL

Archaeological work began on Pine Bluff Arsenal in 1967 with a survey conducted by the Arkansas Archeological Survey, Fayetteville, Arkansas. No sites were recorded from that survey. Subsequent survey and testing between 1983 and 1993 have identified 48 sites on the Arsenal. This work was performed by:

Arkansas Archeological Survey,  
Archeological Assessments, Inc.,  
SPEARS, Inc.,  
U.S. Army Corps of Engineers, Little Rock District, and  
U.S. Army Corps of Engineers, Tulsa District.

The Arkansas Archeological Survey investigated one site, Archeological Assessments, Inc. investigated 47 sites, and SPEARS, Inc. investigated one site. Artifact collections were made by the Arkansas Archeological Survey and Archeological Assessments, Inc; SPEARS, Inc. did not collect any artifacts. The work done by the U.S. Army Corps of Engineers resulted in negative findings; no sites were identified and no material was collected.

Seventeen of the archaeological sites are prehistoric, 30 are historic, and one is both prehistoric and historic. The prehistoric sites consist of surface scatters of artifacts, isolated or individual finds, and one refuse heap. Materials collected from the prehistoric sites include flaked stone chipping debris, flaked stone tools, and ceramic fragments. The historic sites consist of surface scatters of artifacts, structures, isolated/individual finds, and one Euroamerican cemetery. Three different classes of materials were collected from the historic sites: ceramics, metal, and glass. No human remains were collected.

### SUMMARY OF ARCHAEOLOGICAL COLLECTIONS

A total of one cubic foot of collections have been made from the Pine Bluff Arsenal. The Arkansas Archeological Survey collected artifacts from one site, and Archeological Assessments, Inc. made collections from 34 sites. As of the date of this report, this material is located in the following two repositories:

---

## SECTION 6 COMPLIANCE

P.L. 101-601 (NAGPRA) requires that federal agencies engage in active consultation with Native Americans with federally recognized tribes and/or lineal descendants who may be culturally affiliated with the archaeological collections from the installation. Enclosed are a draft NAGPRA Section 6 Summary letter (Appendix I) and a list of the tribal chairpersons from the federally recognized tribes (Appendix II) which may be culturally affiliated with the collections. Both the Quapaw and Tunica are federally recognized, as the Quapaw Tribe of Oklahoma and the Tunica-Biloxi Indian Tribe of Louisiana, respectively.

Initial consultation should be conducted on a government-to-government basis. Refer to P.L. 101-601 (NAGPRA) for specifics on required Native American consultation and the legal definitions of items subject to NAGPRA.

## REFERENCES CITED

Sabo, George

1991 *Paths of Our Children: Historic Indians of Arkansas*. Arkansas Archeological Survey Popular Series No. 3, Fayetteville, Arkansas.

Schambach, Frank and Leslie Newell

1987 *Crossroads of The Past: 12,000 Years of Indian Life In Arkansas*. Arkansas Endowment for the Humanities, North Little Rock, Arkansas.

U.S.G.S.

n.d. *Indian Lands Judicially Established 1978*. Map prepared by the U.S. Geological Survey for the Indian Claims Commission.



## APPENDIX I

### DRAFT SECTION 6 SUMMARY LETTER FOR PINE BLUFF ARSENAL, ARKANSAS

[Installation Header]

[Tribal POC Name]

[Title]

[Address]

[City, State, Zip]

Dear [Name of POC]:

I am writing to inform you of collections held by Pine Bluff Arsenal that may contain Native American cultural items, as defined by the Native American Graves Protection and Repatriation Act (NAGPRA), that are, or are likely to be, culturally affiliated with the [Tribe]. Pine Bluff Arsenal has documented these archaeological collections in a Summary in accordance with the requirements of Section 6 of NAGPRA.

Pine Bluff Arsenal is responsible for collections that include one stone tool at the Arkansas Archeological Survey, Fayetteville, Arkansas, and approximately one cubic foot of material at Archeological Assessments Inc., Nashville, Arkansas. These archaeological collections were generated from surveys and/or testing conducted from 1967 to the present. The collections consist of prehistoric stone tools and ceramics, historic materials such as glass, ceramics, and metal fragments, and associated documentation such as field notes, reports, and correspondence. No human skeletal remains or associated funerary objects were identified in our review of the collections and collection documentation.

We are notifying [Tribe] because some of these materials were found in, or around, the area thought to be part of the territory occupied or used aboriginally by the [Tribe]. In accordance with Section 6 of NAGPRA, we are inviting you to consult with us regarding these archaeological collections. Upon your written request, we will provide you access to review our records, catalogues, relevant studies, or other pertinent data for the purpose of determining the geographic origin, cultural affiliation, and basic facts surrounding acquisition and accession of these collections.

Please feel free to contact [Installation POC name] regarding any of these issues, at [telephone, address].

To facilitate discussions between Pine Bluff Arsenal and the [Tribe] on these matters, please forward the name and method of contacting your tribal representative, traditional religious leader, or preferred NAGPRA point of contact. We look forward to working with you.

Sincerely,

[Commander's signature]

CF: MACOM

USAEC      Commander, US Army Environmental Center  
              ATTN: SFIM-AEC-EC (Guldenzopf)  
              Aberdeen Proving Ground, MD 21010-5401

MCX         Commander, US Army Corps of Engineers  
              ATTN: CELMS-PD-C (Trimble)  
              1222 Spruce Street  
              St. Louis, MO 63103-2833

## **APPENDIX II**

### **NATIVE AMERICAN POINTS OF CONTACT FOR PINE BLUFF ARSENAL, ARKANSAS**

#### **FEDERALLY RECOGNIZED TRIBES**

##### **Quapaw:**

Grace Goodeagle, Chairperson  
Quapaw Tribal Business Committee  
P.O. Box 765  
Quapaw, OK 74363  
918-542-1853

##### **Tunica-Biloxi:**

Earl Barbry, Sr., Chairman  
Tunica-Biloxi Indian Tribe of LA  
P.O. Box 331  
Marksville, LA 71351  
318-253-9767

**EXCAVATOR/COLLECTOR:** The individual and/or organization that conducted the investigation.

**COLLECTION SIZE:** The volume or number of objects in a collection, estimated by the repository POC or from project reports.

**DESCRIPTION OF MATERIALS:** General material classes of the objects in the collection derived from data provided on site records, in references, and/or by the Repository POC.

**ANTIQUITY/ARCH. PERIOD:** Chronological or cultural-historical designations recorded on site records or in references specific to the collection.

**CULTURAL AFFILIATION:** This column contains only those ethnic identifications found in the site records or references specific to the collection. This field is left blank if no such information was recorded.

**BASIS OF DETERMINATION:** Documents the source of the cultural affiliation information (e.g., site record, oral testimony, reference).

**SECTION 5 MATERIALS:** Describes the number and kind of human skeletal remains and associated funerary objects in the collection, as indicated by the site records, references, repository management documents, or information from repository POC. If these materials are present or are suspected to be present, NAGPRA Section 5 requires a physical inventory of the materials.

## Summary of Current Location of Archaeological Collections From

As of June 1995

Repository	Repository POC	Telephone	Collection ID	Site Numbers	Fieldwork Dates	Excavator/
Archeological Assessments, Inc.	Jack Bennett	(501) 845-4348	Pine Bluff	3-JE-283, 284, 286-293, 296-299, 301-309, 312, 314, 331	Apr. 2 - Jun. 16, 1990	Aubra L. Lee Archeological Assessment
Archeological Assessments, Inc.	Jack Bennett	(501) 845-4348	Pine Bluff	3-JE-320, 321, 322, 324, 325, 326, 327, 328	Apr. 2 - Jun. 16, 1990	Aubra L. Lee Bennett, Archeological Assessment
Arkansas Archeological Survey	Lela Donat	(501) 575-5453	Accession No. 88-684	3-JE-265	May 2 - May 4, 1988	Randy Guerin Stephanie K

of Current Location of Archaeological Collections From: Pine Bluff Arsenal, Arkansas [AMC]

As of June 1995

ite Numbers	Fieldwork Dates	Excavator/Collector	Collection Size	Description of Materials	Antiquity/Archaeological Period	Cultura Affiliatio
286-293, 296-299, 301-331	Apr. 2 - Jun. 16, 1990	Aubra L. Lee; Archeological Assessments, Inc.	~ 1 cu. ft.	Prehistoric, Ceramics, Lithics, Historic, Metal, Glass, Ceramics & Associated Documentation	Prehistoric; Historic	
322, 324, 325, 326,	Apr. 2 - Jun. 16, 1990	Aubra L. Lee & Robert Bennett; Archeological Assessments, Inc.	Contained in the 1 cu. ft. of Previous Record	Lithics & Associated Documentation	Prehistoric	
	May 2 - May 4, 1988	Randy Guendling & Stephanie Korr	1 Isolated Biface	Lithics & Associated Documentation	Prehistoric	

als	Antiquity/Archaeological Period	Cultural Affiliation	Basis of Determination	Section 5 Materials
s, Historic, sociated	Prehistoric; Historic			None
entation	Prehistoric			None
ntation	Prehistoric			None

## APPENDIX IV

### MCX LIST OF REFERENCES

In addition to the references reviewed by MCX personnel at the archaeological site information center, every attempt was made to obtain references cited but not on file. Information taken from these references was coded for data relating to collections made from sites located on installation property (see attached sample of PD-C Bibliographic Data Sheet form) and entered into a data base for ease of manipulation.

Report titles were drawn directly from the title page of reports, and consist of the following fields:

FIELD	DATA ENTERED
Subject Property	Army Installation name
Last Name	Primary author's last name
First Name	Primary author's first name
Middle Initial	Primary author's middle initial
Secondary Authors	Names of secondary authors, <i>or</i> in instances where the author is a company rather than an individual, the company name is listed here
Title	Title of the reference. For letter reports, the person or agency to whom the correspondence is addressed is listed as the title.
Series	If the report is part of a publication series, the name and number are provided here.
Date	Date of publication or submission
Length	Report length in pages
Contract Number	Contract number and delivery order number, if applicable



The data for the next three fields are drawn directly from the report title page and reflect the hierarchy of contracting agencies involved in accomplishing the work. In some cases, the sponsoring agency is listed as the Army installation; in others, the intermediary contracting agent, (e.g., the Army Corps of Engineers or the National Park Service) is listed as the Sponsoring Agency.

Sponsoring Agency	Agency for which the report was prepared
Contractor	The agent contracted to perform the work
Subcontractor	The agent subcontracted to perform the work

The majority of the citations for archaeological investigations on Army land refer to unpublished reports prepared under contract with federal agencies, consequently the MCX printout was designed to address these reports. In instances where the author is a company rather than an individual, the company name is listed in the Secondary Authors field (due to the length of the field). For published references, the publisher is listed in the Sponsoring Agency field.

NADB No.

PD-C Collection No.

## PD-C Bibliography Data Sheet

**Date:** \_\_\_\_\_

**Information obtained by:** \_\_\_\_\_

**PD-C Project:**

**Subject Property:**

**Repository (name and location):**

**Record Collection Name/Number:**

**Report Date and Length (in pages):**

**Author(s):**

**Title:**

**Contractor/Address or Publisher/Address (city, state):**

**Subcontractor/Address (city, state):**

**Report Series and Number:**

**Contract/Purchase Order Number(s):**

**Sponsoring Agency/Address:**

**Project Name and Location:**

**Principal Investigator(s)/Director(s):**

**Fieldwork Dates:**

**Type of Investigation (e.g., survey, testing, mitigation):**

PD-C Bibliography Data Sheet (continued)

*Site Numbers:*

*Archaeological Period (e.g., Hohokam, Mississippian):*

*Material Classes (range):*

*Artifact Collections and Locations:*

*Approximate Size of Collections (e.g., number of objects):*

*Record Collections and Locations:*

*NAGPRA Materials (Check if present)*

**Human Skeletal Remains** \_\_\_\_\_

**Objects**

**Associated Funerary** \_\_\_\_\_

**Unassociated Funerary** \_\_\_\_\_

**Sacred** \_\_\_\_\_

**Cultural Patrimony** \_\_\_\_\_

Human Skeletal Remains Data Sheet ☐  
Number of Attached Sheets \_\_\_\_\_

Object Data Sheet ☐  
Number of Attached Sheets \_\_\_\_\_

*Cultural Affiliation(s):*

*Basis for Affiliation Determination (e.g., geographic location, burial practices):*

*Comments:*

MCX List of References for Pine Bluff Arsenal, Arkansas [AMC] as of June 1995

Subject property : Pine Bluff Arsenal, AR

Last name : BZDEA

First name :

Middle Initial :

Secondary Authors :

Title : Construction and Operation of the Proposed BZ Demilitarization Facility, Pine Bluff Arsenal.

Series :

Date : Aug 1983 - Draft

Length :

Contract Number :

Sponsoring Agency : U.S. Army Toxic and Hazardous Materials Agency, Aberdeen Proving Ground, Maryland

Contractor : US Army Corps of Engineers-Tulsa District

Subcontractor :

Subject property : Pine Bluff Arsenal, AR

Last name : Bennett

First name : W.

Middle Initial : J.

Secondary Authors : Robert Benentt, Phyllis Breland, Robert Brinkman, James Ebert, Branna Hartzell, William Isenberger, Aubra Lee, John Northrop, Jack Ray, and Beverly Watkins

Title : The Humanly Altered Landscape: The Archaeological Record at the Pine Bluff Arsenal, Jefferson County, Arkansas. A Cultural Resources Inventory.

Series : Archeological Assessments, Inc. Report No. 142

Date : Apr 1993

Length : 182

Contract Number : DACW03-89-D-0100, Order No. 4

Sponsoring Agency : US Army Corps of Engineers-Little Rock District

Contractor : Archeological Assessment, Inc.

Subcontractor :

Subject property : Pine Bluff Arsenal, AR

Last name : Bennett, Jr.

First name : W.

Middle Initial : J.

Secondary Authors : Judith Stewart-Abernathy

Title.: Cultural Resources Survey of Two Proposed Facility Locations, Pine Bluff Arsenal, Jefferson County, Arkansas.

Series : Archeological Assessments Report No. 16

Date : 1982

Length : 7

Contract Number : DACA63-82-M-0297

Sponsoring Agency : US Army Corps of Engineers-Fort Worth District

Contractor : Archeological Assessment, Inc.

Subcontractor :

MCX List of References for Pine Bluff Arsenal, Arkansas [AMC] as of June 1995

Subject property : Pine Bluff Arsenal, AR

Last name : Bennett, Jr.

First name : W.

Middle Initial : J.

Secondary Authors : Lawson M. Smith

Title : Cultural Resources and Geomorphological Reconnaissance Pools 1 through 9, McClellan-Kerr Arkansas River Navigation System.

Series : Archeological Assessments Report No. 79

Date : 1989

Length : 150

Contract Number : DACW03-86-D-0068

Sponsoring Agency : US Army Corps of Engineers-Little Rock District

Contractor : Archeological Assessment, Inc.

Subcontractor :

Subject property : Pine Bluff Arsenal, AR

Last name : Dunn

First name : Robert

Middle Initial : A.

Secondary Authors :

Title : An Archeological Reconnaissance for the Arkansas State Police Radio Antenna at Pine Bluff Arsenal, Jefferson County, Arkansas.

Series :

Date : 1988

Length : 16

Contract Number :

Sponsoring Agency :

Contractor : US Army Corps of Engineers-Little Rock District

Subcontractor :

Subject property : Pine Bluff Arsenal, AR

Last name : Dunn

First name : Robert

Middle Initial : A.

Secondary Authors :

Title : An Archeological Reconnaissance for the White Hall Sewerline Project at Pine Bluff Arsenal, Jefferson County, Arkansas.

Series :

Date : 1988

Length : 16

Contract Number :

Sponsoring Agency :

Contractor : US Army Corps of Engineers-Little Rock District

Subcontractor :

MCX List of References for Pine Bluff Arsenal, Arkansas [AMC] as of June 1995

Subject property : Pine Bluff Arsenal, AR

Last name : Guendling

First name : Randall

Middle Initial : L.

Secondary Authors : John J. Mintz

Title : Archaeological Survey of ARLA Rural Pipeline Extension #1235, Jefferson Co., AR

Series : AAS Project #677

Date : Aug 1988

Length : 17

Contract Number :

Sponsoring Agency : Arkansas Louisiana Gas Co.

Contractor : Arkansas Archeological Survey

Subcontractor :

Subject property : Pine Bluff Arsenal, AR

Last name : Heartfield

First name : Lorraine

Middle Initial :

Secondary Authors : Tony Dierte, David Waddell, Gary Stringer

Title : An Archeological Overview and Management Plan for the Pine Bluff Arsenal, Jefferson County, Arkansas.

Series : DARCOM Report No. 28

Date : Jan 14, 1985

Length :

Contract Number : CX-5000-3-0771

Sponsoring Agency : U.S. Army Material Development and Readiness Command (DARCOM)

Contractor : National Park Service

Subcontractor : Heartfield, Price and Greene, Inc. for Woodward-Clyde Consultants

Subject property : Pine Bluff Arsenal, AR

Last name : Hess

First name : Jeffrey

Middle Initial :

Secondary Authors :

Title : Historic Properties Report, Pine Bluff Arsenal, Pine Bluff, Arkansas.

Series :

Date : 1984

Length :

Contract Number :

Sponsoring Agency :

Contractor : MacDonald and Mack Partnership

Subcontractor :

MCX List of References for Pine Bluff Arsenal, Arkansas [AMC] as of June 1995

Subject property : Pine Bluff Arsenal, AR

Last name : Hoffman

First name : Kirsten

Middle Initial :

Secondary Authors : Ellen Z. Waddell

Title : A Phase I Cult. Resources Survey of the Proposed AT&T Fiber Optic Lightguide Projects: Little Rock-Pine Bluff Fiber Optic Co. and Diversification; Little Rock-Alexander Conduit Diversification; and Memphis Junction-Little Rock Conduit Diversification

Series : SPEARS Projects Report 59

Date : Jul 7, 1992

Length : 49

Contract Number :

Sponsoring Agency : AT&T Communications

Contractor : Spears Professional Environmental & Archaeological Research Service, Inc.,

Subcontractor :

Subject property : Pine Bluff Arsenal, AR

Last name : McClurkam

First name : Burney

Middle Initial : B.

Secondary Authors :

Title : An Archeological Survey of the Pine Bluff Arsenal-A Preliminary Statement on the Archeological Resources at the National Center for Toxicological Research.

Series :

Date : Dec 1972

Length : 2

Contract Number :

Sponsoring Agency :

Contractor : Arkansas Archeological Survey

Subcontractor :

## **APPENDIX V**

### **NATIONAL ARCHEOLOGICAL DATA BASE REFERENCES FOR PINE BLUFF ARSENAL, ARKANSAS**

No attempt has been made to edit the National Archaeological Data Base format or to correct obvious errors.

Bennett, W. J., Jr.

1993 The Humanly Altered Landscape: The Archeological Records at the Pine Bluff Arsenal, Jefferson County, Arkansas. Aai Report (142). Archeological Assessments, Inc, Nashville, Arkansas 71852.

Dieste, Tony and Lorraine Heartfield

1985 An Archeological Overview and Management Plan for the Pine Bluff Arsenal, Jefferson County, Arkansas. Woodward-Clyde Consultants & Heartfield, Price & Greene, Inc. Submitted to U.S. Army Materiel Development and Readiness Command.

Heartfield, Lorraine and Tony Dieste

1985 An Archeological Overview and Management Plan for the Pine Bluff Arsenal, Jefferson County, Arkansas. Woodward-Clyde Consultants, Walnut Creek, CA. Submitted to National Park Service, Southeast Region.